

## POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

☒ Practitioners associated with the Customer Number:

65643

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

| Name | Registration Number | Name | Registration Number |
|------|---------------------|------|---------------------|
|      |                     |      |                     |
|      |                     |      |                     |
|      |                     |      |                     |
|      |                     |      |                     |
|      |                     |      |                     |

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

☒ The address associated with Customer Number:

65643

OR

☐ Firm or Individual Name

Address

City

State

Zip

Country

Telephone

Email


Assignee Name and Address:

**Arena Pharmaceuticals, Inc.**  
6166 Nancy Ridge Drive  
San Diego, California 92121

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

### SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

|           |   |                           |
|-----------|---|---------------------------|
| Signature |  | Date: October 10, 2006    |
| Name      | David L. Bradfute   | Telephone: (858) 453-7200 |
| Title     | V.P. & Asst. General Counsel, Intellectual Property                                 |                           |

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: **CHEN, RUOPING**Application No./Patent No.: **10/723,955**Filed/Issue Date: **November 26, 2003**Entitled: **CONSTITUTIVELY ACTIVATED HUMAN G PROTEIN COUPLED RECEPTORS****ARENA PHARMACEUTICALS, INC.**, a**corporation**

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.  
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

**01/25/2007**

Date

**(650) 327-3400**

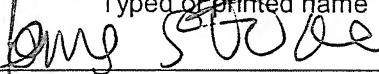
Telephone number

**Agent**

Title

**James S. Keddie (Reg. No. 48,920)**

Typed or printed name



Signature

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ASSIGNMENT

WHEREAS, We,

- 1) RUOPING CHEN, a citizen of the Peoples Republic of China,  
residing at 5296 Timber Branch Way  
San Diego, CA 92130
- 2) CHEN W. LIAW, a citizen of the USA,  
residing at 5409 Harvest Run Drive  
San Diego, CA 92130
- 3) KEVIN P. LOWITZ, a citizen of the USA,  
residing at 280 River Road #29-B  
Piscataway, NJ 08854
- 4) DEREK T. CHALMERS, a citizen of the USA,  
residing at 1778 Rubenstein Drive  
Cardiff, CA 92007
- 5) DOMINIC BEHAN, a citizen of the USA,  
residing at 11479 Weatherhill Way  
San Diego, CA 92131

are co-inventors of certain new and useful improvements in, "CONSTITUTIVELY ACTIVATED HUMAN G PROTEIN COUPLED RECEPTORS (AS AMENDED)"; conceived of during the period of my/our employment with Arena Pharmaceuticals, Inc., for which I/we have filed an application for Letters Patent in the United States:

Application Serial No.: 10/417,820  
Filed: April 16, 2003

AND WHEREAS, Arena Pharmaceuticals, Inc. (hereinafter referred to as the "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 6166 Nancy Ridge Drive, San Diego, California 92121 desires to acquire the entire right, title, and interest in and to the invention, any and all patent applications which may be filed thereon; and any and all Letters Patent which may be granted or issued thereon in the United States of America and throughout the world, including, but not limited to, International Applications under the Patent Cooperation Treaty, and including any and all divisions, continuations, reissues and extensions and said improvements of any of the foregoing;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, I/we, the said inventors, do hereby acknowledge that I/we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives

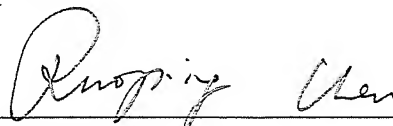
and assigns, the full and exclusive right, title, and interest in the United States of America and throughout the world in, to and under the said improvements, and the said application and all divisions and renewals thereof, and continuations and continuations-in-part to which my/our contribution to inventorship occurred during the period of my/our employment with Arena Pharmaceuticals, Inc., and all Letters Patent of the United States which may be made, granted or issued for said invention in the United States of America and throughout the world, including, but not limited to, International Applications under the Patent Cooperation Treaty, including but not limited to: Australia, Canada, China, Japan and states of the European Patent Office, and including all divisions, continuations, continuations-in-part, reissues, reexaminations and extensions, if any, made, granted or issued thereon and all reissues and extensions thereof; and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted, as fully and entirely as the same would have been held by me/us had this Assignment and sale not been made, for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I/we hereby authorize and request the Commissioner of Patents of the United States of America, the Commissioner of Patents of the duly constituted authorities of all foreign countries of the world, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent relating to the foregoing rights, and for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I/WE HEREBY covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and agree that I/we will communicate to the said ASSIGNEE, successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all said divisions and renewals, said continuations, and said reissues and extensions thereof, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

AND this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

SIGNED this 30<sup>th</sup> day of June 2003.

  
\_\_\_\_\_  
RUOPING CHEN

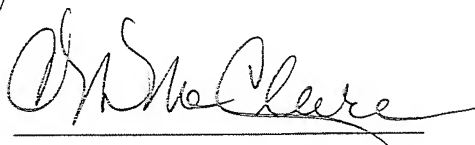
Witnessed by: Name: CM McClure  
Please Print or Type Name

Signature: 

SIGNED this 30<sup>th</sup> day of June 2003.

  
\_\_\_\_\_  
CHEN W. LIAW

Witnessed by: Name: CM McClure  
Please Print or Type Name

Signature: 

SIGNED this \_\_\_\_\_ day of \_\_\_\_\_ 2003.

\_\_\_\_\_  
KEVIN P. LOWITZ

Witnessed by: Name: \_\_\_\_\_  
Please Print or Type Name

Signature: \_\_\_\_\_

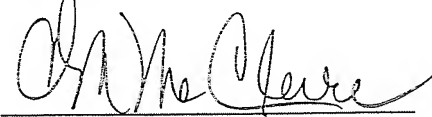
SIGNED this 24<sup>th</sup> day of July 2003.

  
DEREK T. CHALMERS

Witnessed by: Name:

CM McClure  
*Please Print or Type Name*

Signature:



SIGNED this 24<sup>th</sup> day of July 2003

  
DOMINIC BEHAN

Witnessed by: Name:

CM McClure  
*Please Print or Type Name*

Signature:



## ASSIGNMENT

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NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, I/we, the said inventors, do hereby acknowledge that I/we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives

and assigns, the full and exclusive right, title, and interest in the United States of America and throughout the world in, to and under the said improvements, and the said application and all divisions and renewals thereof, and continuations and continuations-in-part to which my/our contribution to inventorship occurred during the period of my/our employment with Arena Pharmaceuticals, Inc., and all Letters Patent of the United States which may be made, granted or issued for said invention in the United States of America and throughout the world, including, but not limited to, International Applications under the Patent Cooperation Treaty, including but not limited to: Australia, Canada, China, Japan and states of the European Patent Office, and including all divisions, continuations, continuations-in-part, reissues, reexaminations and extensions, if any, made, granted or issued thereon and all reissues and extensions thereof; and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted, as fully and entirely as the same would have been held by me/us had this Assignment and sale not been made, for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I/we hereby authorize and request the Commissioner of Patents of the United States of America, the Commissioner of Patents of the duly constituted authorities of all foreign countries of the world, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent relating to the foregoing rights, and for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I/WE HEREBY covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and agree that I/we will communicate to the said ASSIGNEE, successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all said divisions and renewals, said continuations, and said reissues and extensions thereof, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

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IN WITNESS WHEREOF, we have hereunto set our hands and seals.



SIGNED this \_\_\_\_\_ day of \_\_\_\_\_ 2003.

\_\_\_\_\_  
RUOPING CHEN

Witnessed by: Name: \_\_\_\_\_  
*Please Print or Type Name*

Signature: \_\_\_\_\_

SIGNED this \_\_\_\_\_ day of \_\_\_\_\_ 2003.

\_\_\_\_\_  
CHEN W. LIAW

Witnessed by: Name: \_\_\_\_\_  
*Please Print or Type Name*

Signature: \_\_\_\_\_

SIGNED this 30<sup>th</sup> day of June 2003.

  
\_\_\_\_\_  
KEVIN P. LOWITZ

Witnessed by: Name: Deborah Guyer  
*Please Print or Type Name*

Signature: Deborah Guyer

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SIGNED this \_\_\_\_ day of \_\_\_\_\_ 2003.

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**DEREK T. CHALMERS**

Witnessed by: Name: \_\_\_\_\_  
*Please Print or Type Name*

Signature: \_\_\_\_\_

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SIGNED this \_\_\_\_ day of \_\_\_\_\_ 2003

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**DOMINIC BEHAN**

Witnessed by: Name: \_\_\_\_\_  
*Please Print or Type Name*

Signature: \_\_\_\_\_

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